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ATTY.DOCKET. NO. AMAT/1931.P1.CPI/ALUMINUM/PJS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
 Commissioner of Patents and Trademarks
 Washington, D.C. 20231

Re: Inventor(s): MING XI, PAUL FREDERICK SMITH, LING CHEN, MICHAEL X. YANG, MEI CHANG, FUSEN CHEN, CHRISTOPHE MARCADAL and JENNY C. LIN
 Title: RELIABILITY BARRIER INTEGRATION FOR CU APPLICATION

Transmitted herewith is the patent application identified above, including:

- Specification, claims and abstract, totaling 21 pages.
- Drawings totaling 5 pages, Formal Informal.
- Executed Declaration and Power of Attorney.
- Information Disclosure Statement w/ Form 1449 and References.
- Assignment of the invention to **Applied Materials, Inc.**
- Assignment Recordation Cover Sheet

jc825 U.S. PTO
10/052681
01/17/02

FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	40	-20=	20	x \$18.00	\$360.00
Independent Claims	7	-3=	4	x \$84.00	\$336.00
Basic Filing Fee				\$ 740.00	\$740.00
TOTAL FEES					\$1,436.00

- The Commissioner is hereby authorized to charge \$1,436.00 to Deposit Account No. 50-1074/1931.P1/CPI/ALUMINUM/PJS/RWM.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/1931.P1/CPI/ALUMINUM/PJS/RWM. A duplicate copy of this transmittal is enclosed.
- Please address all future correspondence to:

PATENT COUNSEL
APPLIED MATERIALS, INC.
 Legal Affairs Department
 P.O.BOX 450A
 Santa Clara, CA. 95052

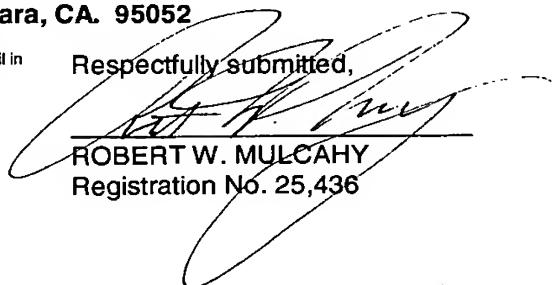
I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EV041916406US

Date of Deposit 1-17-02

Signature Robert W. Mulcahy

Respectfully submitted,


ROBERT W. MULCAHY
 Registration No. 25,436